

Optical Fiber Laser System

CW Fiber Laser(1080nm) OFL-CYR Series



The LiComm OFL-CYR series is a 1080nm High Power Fiber Laser System with max. 3 Laser modules, a laser combiner, power supply, cooling distributor, and a control unit. The OFL-CYR series lasers offer high Beam quality and stable output power up to Mean Optical Power 3kW. Compact size (400 x 560 X 73 mm), combined with extremely low power consumption, allows the OFL-CYR series to be highly suitable for applications such as Welding, Cutting, Marking and more.

Features

- Rack Type (WxLXH = 800 x 750 x 1050)
- Max. 1kW Laser Module x 3
- High output power up to mean power 3kW
- Excellent beam quality: BPP < 3 mm mrad
- Easy local Control on front panel (Button & LED)
- Remote Control & monitor by Ethernet
- Cooling by Water
- 3 Phases AC220V power input

Applications

- Cutting
- Drilling
- Welding
- Marking

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Optical Characteristics


Parameter	Symbol	OFL-CYR-30AP	Unit
Laser Wavelength	λ	Typ. 1080	nm
Laser Output power	P_{OUT}	Max. 3	kW
Beam Parameter Product	BPP	<4	mm mrad
Output Power Stability	P_{STA}	Max. 5	%
Laser Output Termination		QBH	

Electric & Environmental Characteristics

Parameter	Typical Value
Power Supply Voltage	3phases AC220V
Remote Control & Monitor	Ethernet
Local Control & Monitor	Control Button and LED
Operating Case Temperature	10~ 45°C
Storage Temperature	- 40 ~ 75°C
Storage Humidity	5 ~ 80% R.H
Power Consumption	Max. 12kW

Ordering Information

OFL - CYR - XX₁XX₂



 XX₁ : Max. Output Power (kW)
 XX₂ : AP(APC), AC(ACC)

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